

# Work Order ID 128456

Friday, January 16, 2015 2:37:44 PM

**\*128456\***

Page 1

Item ID: D3456-1

Accept

**\*N900040100\***

Setup Start

**\*NS1\***

Revision ID:

Item Name: Washer

Stop

**\*NS2\***

Start Date: 1/16/15

Start Qty: 40.00

~~\*40\*~~

Cust Item ID:

Required Date: 1/16/15

Req'd Qty: 40.00

~~\*40\*~~

Customer:

Reference:

Approvals:

Process Plan: MLJ

Date: 15-01-20

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run

Start

**\*NR1\***

Stop

**\*NR2\***

| Sequence ID/<br>Work Center ID | Operation<br>Description | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| <b>Draw Nbr</b>                | <b>Revision Nbr</b>      |                      |         |        |              |               |               |                  |                |
| D3456                          | Rev A                    |                      |         |        |              |               |               |                  |                |

100

0.00

**\*100\***

PURCHASING

Purchasing

Memo

0.00

Purchasing

Issue P/O: 27199 P/N: 91525A120 per Dwg D3456 Possible  
Supplier: McMaster-Carr Material release note is required

CL 15/01/23 50

110

Receive & Inspect for Damage & Mat'l Certs

0.00

**\*110\***

Packaging

Memo

0.00

Packaging

Ensure Material Release Note is attached

50x 8015-01-27

120

QC6- Inspect dimensions to drawing

0.00

**\*120\***

QC

Memo

0.00

Quality Control

80 80

DAG  
38  
9-88

JAN 27 2015

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                                                              |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                      |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------------|------------------------------------|--------------------------------------|------------------------------------|------------------------------------|--------------------------------------------|----------------------------------|----------------------------------------|------------------------------------|----------------------------------------------|--------------------------------|------------------------------------|------------------------------------|-----------------------------------|--|
| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____ | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/> | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table> | Skid-tube <input type="checkbox"/>   | Crosstube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/> | Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/> | Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> |  |
| Skid-tube <input type="checkbox"/>                           | Crosstube <input type="checkbox"/>                                                                                                                                                 | Water Jet <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Engineering <input type="checkbox"/> |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Machining <input type="checkbox"/>                           | Small Fab <input type="checkbox"/>                                                                                                                                                 | Prod. Eng. Coord. <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Quality <input type="checkbox"/>     |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Thermoforming <input type="checkbox"/>                       | Finishing <input type="checkbox"/>                                                                                                                                                 | Rec/Store/Packaging <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Other <input type="checkbox"/>       |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Large Fab <input type="checkbox"/>                           | Composite <input type="checkbox"/>                                                                                                                                                 | Supplier <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                      |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |

| Root Cause    | Date | Step | Qty | Description of work order update or non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector |
|---------------|------|------|-----|-----------------------------------------------------|-------------------|--------------------|-------------|--------------|--------------|
| Design        |      |      |     |                                                     |                   |                    |             |              |              |
| Doc/Data      |      |      |     |                                                     |                   |                    |             |              |              |
| Equip/Tooling |      |      |     |                                                     |                   |                    |             |              |              |
| Handling/Pre  |      |      |     |                                                     |                   |                    |             |              |              |
| Material      |      |      |     |                                                     |                   |                    |             |              |              |
| Operator      |      |      |     |                                                     |                   |                    |             |              |              |
| Offset/Setup  |      |      |     |                                                     |                   |                    |             |              |              |
| Process       |      |      |     |                                                     |                   |                    |             |              |              |
| Supplier      |      |      |     |                                                     |                   |                    |             |              |              |
| Training      |      |      |     |                                                     |                   |                    |             |              |              |
| Transport     |      |      |     |                                                     |                   |                    |             |              |              |
| Unapproved    |      |      |     |                                                     |                   |                    |             |              |              |

**FAULT CATEGORY**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| <b>Landing Gear</b><br><input type="checkbox"/> Bending<br><input type="checkbox"/> Centre Not Concentric<br><input type="checkbox"/> Cracks<br><input type="checkbox"/> Crimp/Kink/Ripple/Wave<br><input type="checkbox"/> Cuffs<br><input type="checkbox"/> Crushing<br><input type="checkbox"/> Heat Treat<br><input type="checkbox"/> Inspection Strip in Tube<br><input type="checkbox"/> Marks/Chatter<br><input type="checkbox"/> Turning Sequence<br><input type="checkbox"/> Wave/Twist in Tube | <b>General</b><br><input type="checkbox"/> Bend<br><input type="checkbox"/> BOM/Route<br><input type="checkbox"/> Broken/Damage/Defect<br><input type="checkbox"/> Burrs<br><input type="checkbox"/> Contamination<br><input type="checkbox"/> Countersink<br><input type="checkbox"/> Cut Too Short<br><input type="checkbox"/> Drawing<br><input type="checkbox"/> Drill Holes<br><input type="checkbox"/> Finish<br><input type="checkbox"/> Fit/Function | <input type="checkbox"/> Folio/Program<br><input type="checkbox"/> Grain<br><input type="checkbox"/> Hardware<br><input type="checkbox"/> Inspection Incomplete/Unqualified<br><input type="checkbox"/> Instructions Incomplete/Unclear<br><input type="checkbox"/> Misaligned/off center<br><input type="checkbox"/> Mislabeled<br><input type="checkbox"/> Misread<br><input type="checkbox"/> Off-set<br><input type="checkbox"/> Out of Calibration<br><input type="checkbox"/> Out of Sequence | <input type="checkbox"/> Outside Dimensions<br><input type="checkbox"/> Over/Under tolerance<br><input type="checkbox"/> Part Incorrect<br><input type="checkbox"/> Part Lost/Missing<br><input type="checkbox"/> Part Moved<br><input type="checkbox"/> Positioned Wrong<br><input type="checkbox"/> Power Loss/Surge<br><br><input type="checkbox"/> Pressure/Forced<br><input type="checkbox"/> Set-up<br><input type="checkbox"/> Temperature/Cure<br><input type="checkbox"/> Weld<br><input type="checkbox"/> Wrong Stock Pulled<br><br><input type="checkbox"/> Other |
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Friday, January 16, 2015 2:37:44 PM

Page 2

MS-1-2

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                                                              |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                      |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
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| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____ | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/> | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table> | Skid-tube <input type="checkbox"/>   | Crosstube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/> | Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/> | Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> |  |
| Skid-tube <input type="checkbox"/>                           | Crosstube <input type="checkbox"/>                                                                                                                                                 | Water Jet <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Engineering <input type="checkbox"/> |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Machining <input type="checkbox"/>                           | Small Fab <input type="checkbox"/>                                                                                                                                                 | Prod. Eng. Coord. <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Quality <input type="checkbox"/>     |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Thermoforming <input type="checkbox"/>                       | Finishing <input type="checkbox"/>                                                                                                                                                 | Rec/Store/Packaging <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Other <input type="checkbox"/>       |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Large Fab <input type="checkbox"/>                           | Composite <input type="checkbox"/>                                                                                                                                                 | Supplier <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                      |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |

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|---------------|------|------|-----|-----------------------------------------------------|-------------------|--------------------|-------------|--------------|--------------|
| Design        |      |      |     |                                                     |                   |                    |             |              |              |
| Doc/Data      |      |      |     |                                                     |                   |                    |             |              |              |
| Equip/Tooling |      |      |     |                                                     |                   |                    |             |              |              |
| Handling/Pre  |      |      |     |                                                     |                   |                    |             |              |              |
| Material      |      |      |     |                                                     |                   |                    |             |              |              |
| Operator      |      |      |     |                                                     |                   |                    |             |              |              |
| Offset/Setup  |      |      |     |                                                     |                   |                    |             |              |              |
| Process       |      |      |     |                                                     |                   |                    |             |              |              |
| Supplier      |      |      |     |                                                     |                   |                    |             |              |              |
| Training      |      |      |     |                                                     |                   |                    |             |              |              |
| Transport     |      |      |     |                                                     |                   |                    |             |              |              |
| Unapproved    |      |      |     |                                                     |                   |                    |             |              |              |

### FAULT CATEGORY

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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# Picklist Print

Friday, January 16, 2015 2:37:44 PM

Page 1

Work Order ID: 128456

**\*128456\***

Parent Item: D3456-1

**\*D3456-1\***

Parent Item Name: Washer

Start Date: 1/16/15

Required Date: 1/16/15

Start Qty: 40.00

Required Qty: 40.00

Comments: IPP A05.10.03New issueKJ/JLM

| Component Item ID/<br>Item Name | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty      | Qty<br>Issued | Date<br>Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|-------------------|---------------|----------------|--------|
| 91525A120                       |                        | Purchased     | No          |                     |                  | 100             | Each               | 0.0000         | 1           | <del>40</del> 50x |               |                |        |
| <b>*91525A120*</b>              |                        |               |             |                     |                  |                 |                    |                | <b>**</b>   |                   |               |                |        |
| washer                          |                        |               |             |                     |                  |                 |                    |                |             |                   |               |                |        |

50x SP15-01-27

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                                                              |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
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| Skid-tube <input type="checkbox"/>                           | Crosstube <input type="checkbox"/>                                                                                                                                                 | Water Jet <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Engineering <input type="checkbox"/> |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Machining <input type="checkbox"/>                           | Small Fab <input type="checkbox"/>                                                                                                                                                 | Prod. Eng. Coord. <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Quality <input type="checkbox"/>     |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Thermoforming <input type="checkbox"/>                       | Finishing <input type="checkbox"/>                                                                                                                                                 | Rec/Store/Packaging <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Other <input type="checkbox"/>       |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Large Fab <input type="checkbox"/>                           | Composite <input type="checkbox"/>                                                                                                                                                 | Supplier <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                      |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |

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| Doc/Data      |      |      |     |                                                     |                   |                    |             |              |              |
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| Handling/Pre  |      |      |     |                                                     |                   |                    |             |              |              |
| Material      |      |      |     |                                                     |                   |                    |             |              |              |
| Operator      |      |      |     |                                                     |                   |                    |             |              |              |
| Offset/Setup  |      |      |     |                                                     |                   |                    |             |              |              |
| Process       |      |      |     |                                                     |                   |                    |             |              |              |
| Supplier      |      |      |     |                                                     |                   |                    |             |              |              |
| Training      |      |      |     |                                                     |                   |                    |             |              |              |
| Transport     |      |      |     |                                                     |                   |                    |             |              |              |
| Unapproved    |      |      |     |                                                     |                   |                    |             |              |              |

### FAULT CATEGORY

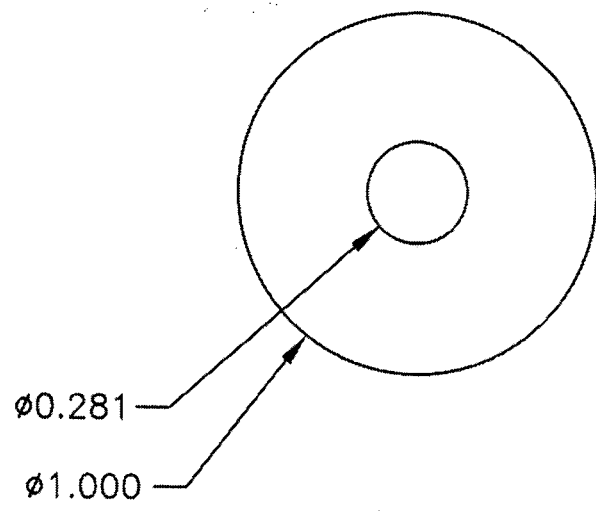
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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|                        |                         |                                              |                        |
|------------------------|-------------------------|----------------------------------------------|------------------------|
| DESIGN<br>CP           | DRAWN BY<br>CP          | DART AEROSPACE USA, INC.<br>PORT HADLOCK, WA |                        |
| CHECKED<br>[Signature] | APPROVED<br>[Signature] | DRAWING NO.<br>D3456                         | REV. A<br>SHEET 1 OF 1 |
| DATE<br>05.09.01       |                         | TITLE<br>WASHER                              | SCALE<br>2:1           |
| A                      | 05.09.01                | NEW ISSUE                                    |                        |

RELEASED  
05-09-06 [Signature]

## SPECIFICATION CONTROL DRAWING



### D3456-1 WASHER

- 1) MATERIAL: 316 STAINLESS STEEL, 0.050" THICK
- 2) MAY PURCHASE McMASTER-CARR P/N 91525A120
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

128456 MJS  
15-01-20  
COPY  
TO  
LTD COPY  
INSTRUMENT  
OFFICE  
WASHER

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ACE

Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

**PURCHASE ORDER****Purchase Order ID PO27199****Purchase Order Date** 1/23/2015**PO Print Date** 1/23/2015**Page Number** 2 of 4**Order From :**

MCMaster-CARR SUPPLY CO,  
P.O. BOX 7690  
CHICAGO, IL 60680-7690  
US

VU-MCM001

**Ship To :** DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name****Vendor Phone**

330 995 5500

**Ship To Contact****Ship To Phone****Ship Via:**

Purolator ground ppd

**Ship Acct:****Buyer**

Chantal Lavoie

**Customer POID****Customer Tax #**

10127-2607

**Terms**

Net 10

**Currency**

USD

**FOB**

FCA - (Free Carrier)

**Line Total:**

\$132.59

**Deliver To:** ERIC.D

71500-65

8647A32 CALIPER 0-12"  
MITUTOYO

1/27/2015

1.00

\$392.76

\$392.76

Yes

Each

1/27/2015

**Line Total:**

\$392.76

**Deliver To:** ERIC.D

6718K52

Fitting, Quick Disconnect

1/27/2015

4.00

\$5.88

\$23.52

Yes

Each

1/27/2015

AS PER DWG D4182 REV. B  
B128458**Line Total:**

\$23.52

91525A120

washer

1/27/2015

50.00

\$0.27

\$13.32

Yes

Each

1/27/2015

AS PER DWG D3456 REV. A  
B128456**Note:**

1/23/2015

SP 15-01-27



200 Aurora Industrial Pkwy  
Aurora OH 44202-8087  
330-995-5500  
cle.sales@mcmaster.com

Dart Aerospace Ltd  
1270 Aberdeen St  
Hawkesbury ON K6A 1K7  
Canada

Purchase Order  
**PO27199**

Order Placed By  
**Chantal Lavoie**

McMaster-Carr Number  
**6331715-01**

Page 1 of 1

01/23/2015

| Line | Product                                                                                                                                              | Ordered    | Shipped |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|
| 1    | <b>7494T86</b> Shop-Vac Vacuum Accessory, Plastic Reducer 2-1/2" Diameter X 1-1/4" Diameter<br>Your Part Number: <b>71400-20</b>                     | 2<br>Each  | 2       |
| 2    | <b>9452K54</b> Oil-Resistant Buna-N Multipurpose O-Ring, 3/16 Fractional Width, Dash Number 334,<br>Packs of 50<br>Your Part Number: <b>71500-30</b> | 1<br>Pack  | 1       |
| 3    | <b>8647A42</b> Mitutoyo Standard Electronic Caliper, 500-196-30, 0-6" (0-150MM) Range<br>Your Part Number: <b>71500-65</b>                           | 1<br>Each  | 1       |
| 4    | <b>8647A32</b> Mitutoyo Standard Electronic Caliper, 500-193, 0-12" (0-300MM) Range<br>Your Part Number: <b>71500-65</b>                             | 1<br>Each  | 1       |
| 5    | <b>6718K52</b> Stainless Steel Industrial-Shape Hose Coupling, Plug, 1/4" NPTF Female, 1/4 Coupling<br>Size                                          | 4<br>Each  | 4       |
| 6    | <b>91525A120</b> Type 316 Stainless Steel Flat Washer, Oversized, 1/4" Screw Size, 0.281" ID, 1.000"<br>OD, Packs of 25                              | 2<br>Packs | 2 ✓     |
| 7    | <b>59915K274</b> PTFE-Lined Stainless Steel Ball Joint Rod End, 3/8"-24 Right-Hand Male Shank, 3/8" Ball<br>ID, 1-1/4" L Thread                      | 10<br>Each | 10 ✓    |
| 8    | <b>92311A564</b> 18-8 Stainless Steel Cup Point Set Screw, 1/4"-28 Thread, 1" Long, Packs of 50                                                      | 1<br>Pack  | 1       |
| 9    | <b>98470A133</b> 18-8 Stainless Steel Shoulder-Style Quick-Release Pin, Ring Grip, 1/4" Diameter, 1.3"<br>Usable Length                              | 12<br>Each | 12      |

2015-01-27

McMaster-Carr Supply Company  
200 Aurora Industrial Pkwy  
Aurora, OH 44202-8087 USA  
Phone: 330-995-5500 Fax: 330-995-9600  
E-Mail: cle.sales@mcmaster.com  
Employer Identification Number (EIN): 36-1458720

Invoice: 21385304  
Purchase Order: PO27199  
Release:  
McMaster-Carr Number: 6331715-01

ORIGINAL COMMERCIAL  
**INVOICE**  
CERTIFICATE OF ORIGIN

Ultimate Destination:  
Dart Aerospace Ltd  
1270 Aberdeen St  
Hawkesbury ON K6A 1K7  
Canada

Shipped: 23-Jan-2015 FOB: ORIGIN  
Shipper's Export Declaration (SED):  
NO EEI 30.36

Intermediate Consignee:

Bill To:  
Dart Aerospace Ltd  
1270 Aberdeen St  
Hawkesbury ON K6A 1K7  
Canada

Tax Number:

Forwarding Agent:

Billing  
Attention:

Shipping  
Attention:

Contact:

| Line                                                                                                                                                                              | Description                                                                                                                                                                                                    | Qty & Unit | Unit Price | Extension |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|-----------|
| 1                                                                                                                                                                                 | 7494T86 Shop-Vac Vacuum Accessory, Plastic Reducer 2-1/2" Diameter X 1-1/4" Diameter<br>71400-20<br>Country of Origin: United States<br>Schedule B #: 391740<br>ECCN #: EAR99 NLR                              | 2 EA       | \$7.59     | \$15.18   |
| 2                                                                                                                                                                                 | 9452K54 Oil-Resistant Buna-N Multipurpose O-Ring, 3/16 Fractional Width, Dash Number 334, Packs of 50<br>71500-30<br>Country of Origin: Peoples Republic of China<br>Schedule B #: 401693<br>ECCN #: EAR99 NLR | 1 PK       | \$12.56    | \$12.56   |
| 3                                                                                                                                                                                 | 8647A42 Mitutoyo Standard Electronic Caliper, 500-196-30, 0-6" (0-150MM) Range<br>71500-65<br>Country of Origin: Japan<br>Schedule B #: 901730<br>ECCN #: EAR99 NLR                                            | 1 EA       | \$132.59   | \$132.59  |
| 4                                                                                                                                                                                 | 8647A32 Mitutoyo Standard Electronic Caliper, 500-193, 0-12" (0-300MM) Range<br>71500-65<br>Country of Origin: Japan<br>Schedule B #: 901730<br>ECCN #: EAR99 NLR                                              | 1 EA       | \$392.76   | \$392.76  |
| 5                                                                                                                                                                                 | 6718K52 Stainless Steel Industrial-Shape Hose Coupling, Plug, 1/4" NPTF Female, 1/4 Coupling Size<br><br>Country of Origin: United States<br>Schedule B #: 848190<br>ECCN #: 2B999 NLR                         | 4 EA       | \$5.88     | \$23.52   |
| Your order is subject only to our terms and conditions, available at <a href="http://www.mcmaster.com">www.mcmaster.com</a> or from our Sales Department.                         |                                                                                                                                                                                                                |            |            |           |
| These commodities, technology, or software were exported from the United States in accordance with Export Administration regulations. Diversion contrary to US law is prohibited. |                                                                                                                                                                                                                |            |            |           |

Shipping Weight (in kgs): 4

Number of Packages: 1

Invoice Amounts

Merchandise Amount: \$809.32  
Canadian GST/HST: \$106.95  
Shipping Charges: \$13.40  
Total (in USD): \$929.67

Package Dimensions:

15 X 46 X 20 CM = .014 CUBIC M

Payment Terms: 2% discount on merchandise only if paid within 10 days, net 30 days

Remit payment to:

(by wire transfer)

(by mail)

McMaster-Carr Supply Company  
PO Box 7690  
Chicago, IL 60680-7690 USA

Bank of America Illinois  
231 S LaSalle  
Chicago, IL 60697  
ABA 071000039 Account 86666-02021  
SWIFT BOFAUS3N

Authorized Signature:

Date:

23-Jan-2015

Name: Sarah Weinberg

Title: Operations Mgr.

McMaster-Carr Supply Company  
 200 Aurora Industrial Pkwy  
 Aurora, OH 44202-8087 USA  
 Phone: 330-995-5500 Fax: 330-995-9600  
 E-Mail: cle.sales@mcmaster.com  
 Employer Identification Number (EIN): 36-1458720

Invoice: 21385304  
 Purchase Order: PO27199  
 Release:  
 McMaster-Carr Number: 6331715-01

ORIGINAL COMMERCIAL  
**INVOICE**  
 CERTIFICATE OF ORIGIN

| Line                                                       | Description                                                                                                                                                                                                | Qty & Unit | Unit Price | Extension |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|-----------|
| 6                                                          | 91525A120 Type 316 Stainless Steel Flat Washer, Oversized, 1/4" Screw Size, 0.281" ID, 1.000" OD, Packs of 25<br><br>Country of Origin: Taiwan<br>Schedule B #: 731822<br>ECCN #: EAR99 NLR                | 2 PK       | \$6.66     | \$13.32   |
| 7                                                          | 59915K274 PTFE-Lined Stainless Steel Ball Joint Rod End, 3/8"-24 Right-Hand Male Shank, 3/8" Ball ID, 1-1/4" L Thread<br><br>Country of Origin: United States<br>Schedule B #: 848330<br>ECCN #: EAR99 NLR | 10 EA      | \$17.14    | \$171.40  |
| 8                                                          | 92311A564 18-8 Stainless Steel Cup Point Set Screw, 1/4"-28 Thread, 1" Long, Packs of 50<br><br>Country of Origin: Taiwan<br>Schedule B #: 731815<br>ECCN #: EAR99 NLR                                     | 1 PK       | \$11.87    | \$11.87   |
| 9                                                          | 98470A133 18-8 Stainless Steel Shoulder-Style Quick-Release Pin, Ring Grip, 1/4" Diameter, 1.3" Usable Length<br><br>Country of Origin: United States<br>Schedule B #: 731829<br>ECCN #: EAR99 NLR         | 12 EA      | \$3.01     | \$36.12   |
| NOTE Tracking number(s) for this shipment:<br>MFA004037822 |                                                                                                                                                                                                            |            |            |           |

SP15-01-27

Number of Packages: 1